V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 4420 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2012

See axaff04420N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	76.22

Comments

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Roll constraint met.
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Zeroth order piled up and cratered. Standard data processing software
did not correctly locate the zeroth order due to pileup. Manual
intervention was used to input the correct sky coordinates (x=4110.6,
y=4107.84) into the *src1a.fits file table. These corrected coordinates
were determined using a software tool developed by CXC called findzero,
which is expected to be released in CIAO as tg_findzo (currently in ISIS
as findzo). The tool calculates the point of intersection of the readout
streak and the meg arm. The zeroth order source position determined by
the standard pipeline processing using the tool tgdetect was not used in
this processing. The newly determined zeroth order coordinates have been
placed in the *src1a.fits file, replacing the coordinates determined by
tgdetect. Note that these corrected coordinates of the zeroth order
cannot be reproduced by running tgdetect on the data.
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seq_num	400318	Sequence number
obs_id	4420	Observation id
title	AN HETGS OBSERVATION OF GX 339-4 IN THE LOW/HARD STATE: ACCRETION GEOMETRY, RELATIVITY, AND JET FORMATION	Proposal title
observer	Dr Jon Miller	Principal investigator
object	GX 339-4	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.70625	Observer's specified target RA [deg]
dec_targ	-48.789722	Observer's specified target Dec [deg]
ra_nom	255.70870164431	Nominal RA [deg]
dec_nom	-48.791280005723	Nominal Dec [deg]
roll_nom	88.15847960803	Nominal Roll [deg]
revision	3	Processing version of data
ontime	76221.600324541	Sum of GTIs [s]
livetime	74050.852477626	Livetime [s]
ontime4	76221.600324541	Sum of GTIs [s]
ontime5	76220.15930444	Sum of GTIs [s]
ontime6	76220.15930441	Sum of GTIs [s]
ontime7	76221.600324541	Sum of GTIs [s]
ontime8	76220.15930444	Sum of GTIs [s]
ontime9	76221.600324541	Sum of GTIs [s]
l2events	7514571	Number of level 2 events